

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following amended title:

HUMAN IGM ANTIBODY INDUCING ~~APOTOSIS~~APOPTOSIS IN HIV-INFECTED
CELLS AND REMEDY FOR HIV-INFECTION

**Please replace Table 2 (Incorporated Sheets 2-5 filed April 7, 2008) of the
specification with the following amended Table.**

TABLE 2: Examples of cDNA, ~~encoding~~and equivalent amino acids (i.e., SEQ ID NOs: 4 and 5
and conservatively modified variants thereof), encoding in the amino acid sequence~~sequence~~sequence of
2G9 antibody (SEQ ID NO: 3)

1

SEQ ID NO: 3

M E L G L R W V F L V A I L E G V Q C E

SEQ ID NO: 4

ATA GAA TTA GGT TTA CGT TGA GTT TTT TTA GTT GCT ATT TTA GAA GGT GTT CAA TGT GAA

SEQ ID NO: 5

ATG GAG TTG GGC TTG CGC TGG GTC TTC TTG GTC GCC ATC TTG GAG GGC GTC CAG TGC GAG

CTT GGA CTT CGA GTA CTT GTA GCA CTT GGA GTA

CTC GGG CTC CGG CTG CTC GTG GCG CTC GGG GTG

CTA CTA CTA CTA

CTG CTG CTG CTG

21

V Q L V E S G G G L V K R G S L R L S

GTT CAA TTA GTT GAA TCT GGT GGT GGT TTA GTT AAA CCT GGT GGT TCT TTA CGT TTA TCT

GTC CAG TTG GTC GAG TCC GGC GGC GGC TTG GTC AAG CCC GGC TCC TTG CGC TTG TCC

GTA CTT GTA TCA GGA GGA GGA CTT GTA CCA GGA GGA TCA CTT CGA CTT TCA

GTG CTC GTG TCG GGG GGG GGG CTC GTG CCG GGG GGG TCG CTC CGG CTC TCG

CTA AGT CTA AGT CTA CTA AGT

CTG AGC CTG AGC CTG AGC

41

C A A S G P T P S T Y S M N W V R Q A P
TGT GCT GCT TCT GGT TTT ACT TTT TCT ACT TAT TCT ATA AAT TGA GTT CGT CAA GCT CCT
TGC GCC GCC TCC GGC TTC ACC TTC TCC ACC TAC TCC ATG AAC TGG GTC CGC CAG GCC CCC
GCA GCA TCA GGA ACA TCA ACA TCA GTA CGA GCA CCA
GCG GCG TCG GGG ACC TCG ACG TCG GTG CCG GCG CCG
AGT AGT AGT
AGC AGC AGC

61

G K G L E W V S S I S S S S S Y I Y Y A
GGT AAA GGT TTA GAA TGA GTT TCT TCT ATT TCT TCT TCT TCT TCT TAT TAT TAT TAT GCT
GGC AAG GGC TTG GAG TGG GTC TCC TCC ATC TCC TCC TCC TCC TCC TAC ATC TAC TAC GCC
GGA GGA CTT GTA TCA TCA TCA TCA TCA TCA TCA TCA GCA
GGG GGG CTC GTG TCG TCG TCG TCG TCG TCG TCG TCG GCG
CTA AGT AGT AGT AGT AGT AGT AGT AGT
CTG AGC AGC AGC AGC AGC AGC AGC AGC

81

D	S	V	K	G	R	P	T	I	S	R	D	N	A	K	N	S	L	Y	L
GAT TCT GTT AAA GGT CGT TTT ACT ATT TCT CGT GAT AAT GCT AAA AAT TCT TTA TAT TTA																			
GAC TCC GTC AAG GGC CGC TTC ACC ATC TCC CGC GAC AAC GCC AAG AAC TCC TTG TAC TTG																			
TCA GTA		GGA CGA		ACA		TCA CGA		GCA		TCA CTT		CTT							
TCG GTG		GGG CGG		ACG		TCG CGG		GCG		TCG CTC		CTC							
AGT						AGT				AGT CTA		CTA							
AGC						AGC				AGC CTG		CTG							

101

Q M N S L R A B D T A V Y Y C A R D L L
CAA ATA AAT TCT TTA CGT GCT GAA GAT ACT GCT GTT TAT TAT TGT GCT CGT GAT TTA TTA
CAG ATG AAC TCC TTG CGC GCC GAG GAC ACC GCC GTC TAC TGC GCC CGC GAC TTG TTG
TCA CTT CGA GCA ACA GCA GTA GCA CGA CTT CTT
TCG CTC CGG GCG ACG GCG GTG GCG CGG CTC CTC
AGT CTA CTA CTA
AGC CTG CTG CTG

121

I A V A G H W G Q G T L V T V S S
ATT GCT GTT GCT GGT CAT TGA GGT CAA GGT ACT TTA GTT ACT GTT TCT TCT
ATC GCC GTC GCC GGC CAC TGG GGC CAG GGC ACC TTG GTC ACC GTC TCC TCC
GCA GTA GCA GGA GGA ACA CTT GTA ACA GTA TCA TCA
GCG GTG GCG GGG GGG GCG ACC CTC GTG ACC GTG TCG TCG
CTA AGT AGT
CTG AGC